



MARICOPA COUNTY DUST CONTROL FORECAST

ISSUED Monday, July 4, 2016

Five-day weather outlook:

Note: During active monsoon periods, strong outflow winds from even distant thunderstorms can generate periods of dense blowing dust.

Throughout this forecast period, Arizona will be underneath a westerly/southwesterly regional flow. In general, this pattern will be favorable for much drier conditions across the state. Consequently, thunderstorm development will be suppressed and the risk of blowing dust from storm outflows will be minimal. The main exception is Thursday, on which models are showing moisture to increase in southeastern Arizona. One model is hinting at the possibility of storms over south-central Arizona. If this were to pan out, the chances for storm outflows impacting the Valley would increase. However, there is not a lot of confidence in this forecast just yet. We'll have a better handle on Thursday's weather as we near Thursday. Overall, the risk for dust is Low through Saturday due to the zero/low chances for storms and reduced stagnation throughout this week. Check back tomorrow for the next forecast. Happy Independence Day!

–M.Graves

R I S K F A C T O R S

	<u>WINDS</u>		<u>STAGNATION</u>		<u>DUST RISK LEVEL</u>
Day 1: Tue. 7/5/2016	Southwesterly winds around 10-15 mph in the afternoon.	+	No stagnation in the afternoon.	=	LOW
Day 2: Wed. 7/6/2016	Southwesterly winds around 10-15 mph in the afternoon.	+	No stagnation in the afternoon.	=	LOW
Day 3: Thu. 7/7/2016	Southwesterly winds around 10 mph in the afternoon.	+	Reduced stagnation in the afternoon.	=	LOW

EXTENDED OUTLOOK

Day 4: Fri. 7/8/2016	Southwesterly winds around 10 mph in the afternoon.	+	Reduced stagnation in the afternoon.	=	LOW
Day 5: Sat. 7/9/2016	Southwesterly winds around 10 mph in the afternoon.	+	Reduced stagnation in the afternoon.	=	LOW

The Maricopa County Dust Control Action Forecast is issued to assist in the planning of work activities to help reduce dust pollution. To review the complete air quality forecast for the Phoenix metropolitan area, as well as the health impacts for different air pollutants refer to ADEQ's Air Quality Forecast at <http://legacy.azdeq.gov/environ/air/ozone/ensemble.pdf>.

Updated 4/4/2016

